Electrolux

TECH TIP

Testing Water Level Sensor

BRAND **Frigidaire**

MODEL **FFTW4120SW FFTW4120SW1**

SERIAL # **All**

CONDITION **Testing the pressure sensor from the control panel.**

SOLUTION

To enter diagnostics, power on the unit and immediately press and hold “**SOAK**” and “**EXTRA RINSE**” until the LED’s begin blinking. Within 5 seconds of entering diagnostics press the “**TEMP**” button to enter spin test.

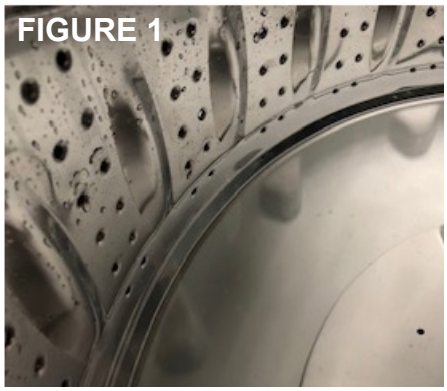
FIGURE 1

The number that appears on the display represents the water level sensed in the unit. This may vary slightly depending on usage but should always be within **62-69** range indicating an empty tub. During our testing 66 was most common across pressure sensors checked for empty tub.

If you start a normal cycle and allow it to fill, cancel the cycle once it begins to agitate and perform spin test again. The number this time represents the water level in first fill of normal cycle. This value needs to be close to **52-59**. Most common value in our testing was 55 for first fill in normal cycle.

SOLUTION

Water level observed was to the first set of holes in the basket from the bottom going up as indicated in the photo above (**FIGURE 1)**.

The final check would be done on the “HEAVY” cycle with “MAX FILL” selected. Allow cycle to fill completely until it begins agitation then power unit off.

Enter the spin test again to read value for water level on display. 10-18 is the range for a max fill. During our testing 13 was most common across pressure sensors for first fill with “HEAVY” and “MAX FILL” selected.
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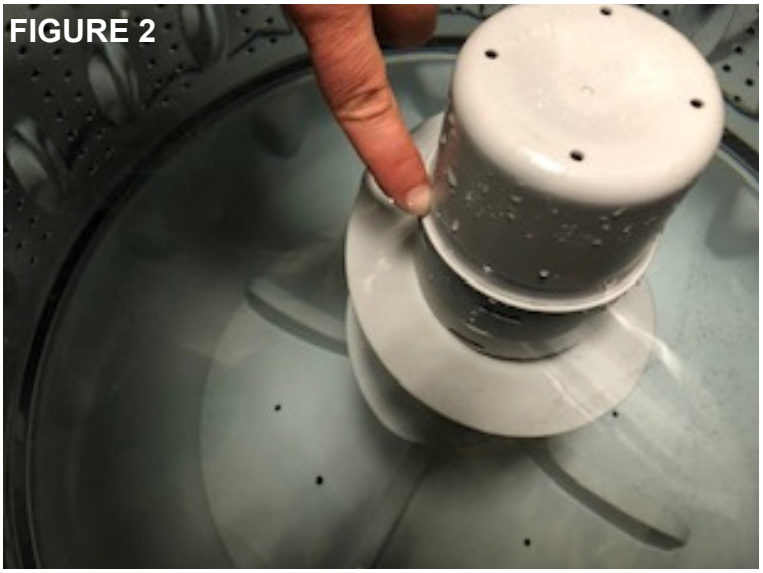
Water level observed was to the molded line pointed out in (**FIGURE 2**.)